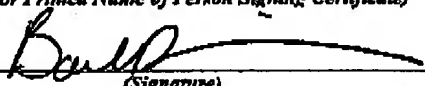


1742

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Ming Wu			Docket No. MEM-0003-P
Serial No. 10/755,034	Filing Date 01/08/2004	Examiner NYA	Group Art Unit 1742
Invention: TITANIUM COMPOSITIONS AND METHODS OF MANUFACTURE THEREOF			
<p>I hereby certify that this <u>Information Disclosure Statement</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>) on <u>May 12, 2004</u> (Date)</p> <p><u>Barbara Davidson</u> (Typed or Printed Name of Person Signing Certificate) <u></u> (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ming Wu)
Serial No.: 10/755,034) Group Art Unit: 1742
Filed: 01/08/2004) Before the Examiner: NYA
For: BETA TITANIUM COMPOSITIONS)
AND METHODS OF MANUFACTURE)
THEREOF)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose, applicants herein apprise the Patent Office of prior art in a parent U.S. application from which this application obtains the benefit of an earlier filing date under 35 U.S.C. § 120. The Serial Number of the parent application is USSN 10/609,003 filed June 27, 2003 entitled BETA TITANIUM COMPOSITIONS AND METHODS OF MANUFACTURE THEREOF. The publications cited therein are listed on attached Form PTO-1449.

In accordance with 37 CFR § 1.98 (d) copies of the listed publications are not required.

Consideration of this Information Disclosure Statement is respectfully requested, since the Examiner may consider the information provided herein material to the patentability of the subject application as defined in 37 CFR § 1.56.

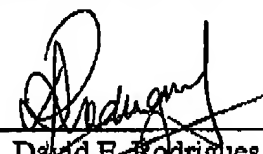
Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application, no fee or certification under 37 CFR § 1.97 (e) is required.

However, in the event the Commissioner of Patents deems that any fee is required under 37 CFR §§ 1.16 and 1.17 in connection with this application, applicant's attorneys authorize that such fee be charged to Deposit Account No. 06-1130.

Respectfully submitted,

CANTOR COLBURN LLP

By: _____


David E. Rodrigues
Registration No. 50,604

Date: May 12, 2004
Address: 55 Griffin Road South, Bloomfield, Connecticut 06002
Telephone: (860) 286-2929

Docket Number MEM-0003-P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 10/755,034) Group Art Unit: 1742
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By: 

David E. Rodrigues
Registration No. 50,604

Date: May 12, 2004
Customer No.: 23413
Telephone: (860) 286-2929

PTO-1449			Attorney's Docket Number MEM-0003-P		Serial Number 10/755,034	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary)			Name of Applicant Ming Wu			
			Filing Date 01/08/2004		Group 1742	
FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	COUNTRY	Class	Subclass	TRANSLATION YES NO
	0 416 929 B1	30.11.94	European			No
	0 601 804 A1	15.06.94	European			No
	EP 0 675 971 B1	11.10.95	European			No
	EP 0 683 242 B1	22.11.95	European			No
	EP 0 716 155 B1	12.06.96	European			No
	EP 0 852 164 B1	08.07.98	European			No
	EP 1 046 722 A1	25.10.00	European			No
	EP 1 083 243 A2	14.03.01	European			No
	EP 1 002 882 B1	11.12.02	European			No
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	WO 99/45161	10.09.99	International			No
	WO 99/58184	18.11.99	International			No
	WO 00/68448	16.11.00	International			No
	WO 02/094334 A1	28.11.02	International			No
OTHER INFORMATION (including author, title, date, pertinent)						
	Proceedings of the MRS International Meeting on Advanced Materials, Volume 9, May 31-June 3, 1998, Sunshine City, Ikebukuro, Tokyo, Japan, "Linear and Non-Linear Superelasticity in NiTi", G.R. Zadno et al.					
	"Shape Memory Effect in Ti-Mo-Al Alloys", Hisaoki Sasano et al., pgs 1667-1674, 1984					
	"The Martensite Transformation Temperature in Titanium Binary Alloys", Pol Duwez, pgs 934-940, March 23-27, 1953					
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	American Journal of Orthodontics, St. Louis, Vol. 77, No. 2, February, 1980 "Beta titanium: A new orthodontic alloy", Charles J. Burstone et al., pgs 121-132					
EXAMINER				DATE CONSIDERED		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary)			Name of Applicant Ming Wu			
			Filing Date 01/08/2004		Group 1742	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date if Appropriate
	4,037,324	07/26/77	Andreasen	32	14 A	05/21/73
	4,040,129	08/09/77	Steinemann et al.	3	1.9	02/24/75
	4,197,643	04/15/80	Burstone et al.	433	20	03/14/78
	4,503,569	03/12/85	Dotter	3	1.4	03/03/83
	4,543,132	09/24/85	Berczik et al.	148	11.5 F	10/31/83
	4,665,906	05/19/87	Jervis	128	92 YN	05/21/86
	4,765,335	08/23/88	Schmidt et al.	128	326	05/06/87
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	4,781,450	11/01/88	Danloup et al.	351	114	02/10/87
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	American Journal of Orthodontics, Vol. 80, No. 1, July, 1981, "Variable-modulus orthodontics" Charles J. Burstone, DDS, MS, pgs 1-16					
EXAMINER				DATE CONSIDERED		
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PTO-1449			Attorney's Docket Number MEM-0003-P		Serial Number 10/755,034	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary)			Name of Applicant Ming Wu			
			Filing Date 01/08/2004		Group 1742	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date if Appropriate
	5,067,957	11/26/91	Jervis	606	108	09/27/88
	5,147,370	09/15/92	McNamara et al.	606	108	06/12/91
	5,160,554	11/03/92	Bania et al.	148	407	08/27/91
	5,169,597	12/08/92	Davidson et al.	428	613	01/28/91
	5,173,134	12/22/92	Chakrabarti et al.	148	671	12/03/90
	5,176,762	01/05/93	Berczik	148	407	12/23/88
	5,200,133	04/06/93	Dieul et al.	264	257	07/23/90
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	5,229,562	07/20/93	Burnett et al.	219	10.41	04/05/91
	5,232,361	08/03/93	Sachdeva et al.	433	8	04/06/92
	5,258,022	11/02/93	Davidson	623	2	02/04/92
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PTO-1449			Attorney's Docket Number MEM-0003-P		Serial Number 10/755,034	
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			Filing Date 01/08/2004		Group 1742	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,261,940	11/16/93	Berczik	75	236	05/08/89
	5,264,055	11/23/93	Champin et al.	148	671	05/14/92
	5,294,267	03/15/94	Banla et al.	148	421	12/04/92
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	5,312,247	05/17/94	Sachdeva et al.	433	7	05/21/92
	5,342,458	08/30/94	Adams et al.	148	670	03/18/93
	5,397,404	03/14/95	Hansen et al.	148	669	12/23/92
	5,399,212	03/21/95	Chakrabarti et al.	148	421	04/23/92
	5,415,704	05/16/95	Davidson	148	316	09/13/93
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	5,486,242	01/23/96	Naka et al.	148	422	05/15/95
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	5,580,403	12/03/96	Mazur et al.	148	407	02/09/95
	5,630,890	05/20/97	Smashy et al.	148	669	01/30/95
	5,653,669	08/05/97	Buelna et al.	604	96	09/30/95
	5,658,403	08/19/97	Kimura	148	671	03/31/95
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U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,698,050	12/16/97	El-Soudani	148	671	11/15/94
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	5,830,179	11/03/98	Mikus et al.	604	49	04/09/96
	5,888,201	03/30/99	Stinson et al.	623	1	06/13/97
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	5,954,724	09/21/99	Davidson	606	76	03/27/97
	5,980,655	11/09/99	Kosaka	148	421	04/09/98
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	6,095,809	08/01/00	Kelly et al.	433	20	09/09/98
	6,110,302	08/29/00	Gorman	148	407	03/23/98
	6,116,733	09/12/00	Krumme et al.	351	114	06/05/97
	6,127,044	10/03/00	Yamamoto et al.	428	603	09/13/95
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			Filing Date 01/08/2004		Group 1742	
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	6,132,209	10/17/00	Devanathan	433	20	04/13/99
	6,139,141	10/31/00	Zider	351	57	05/20/99
	6,149,051	11/21/00	Vollmer et al.	228	262.72	07/21/98
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	US 6,200,133 B1	03/13/01	Kittelsen	433	6	03/08/99
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	US 6,605,110 B2	08/12/03	Harrison	623	1.15	06/29/01
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